

FIG. 2

Flow Loss Detection

200

The meter "learns" the typical flow pattern for weekends and weekdays

If the flow drops below a threshold an alarm is dialed out

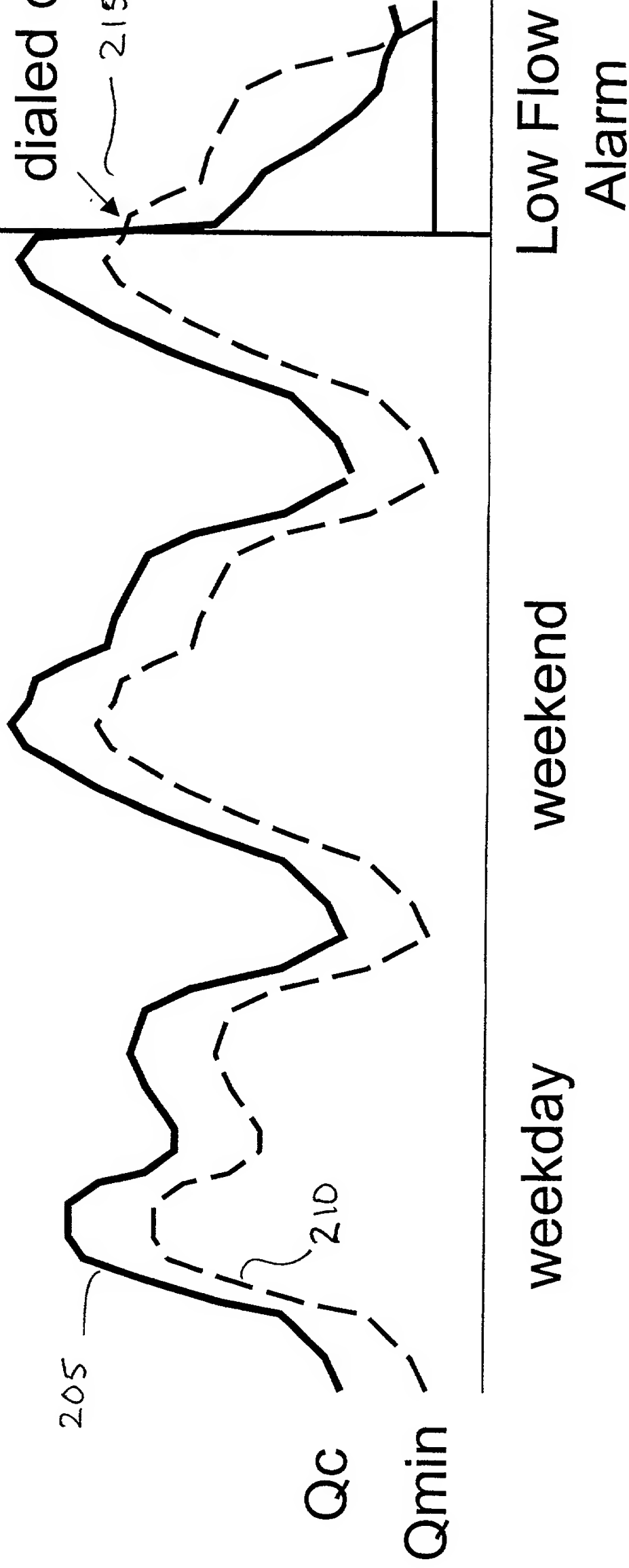
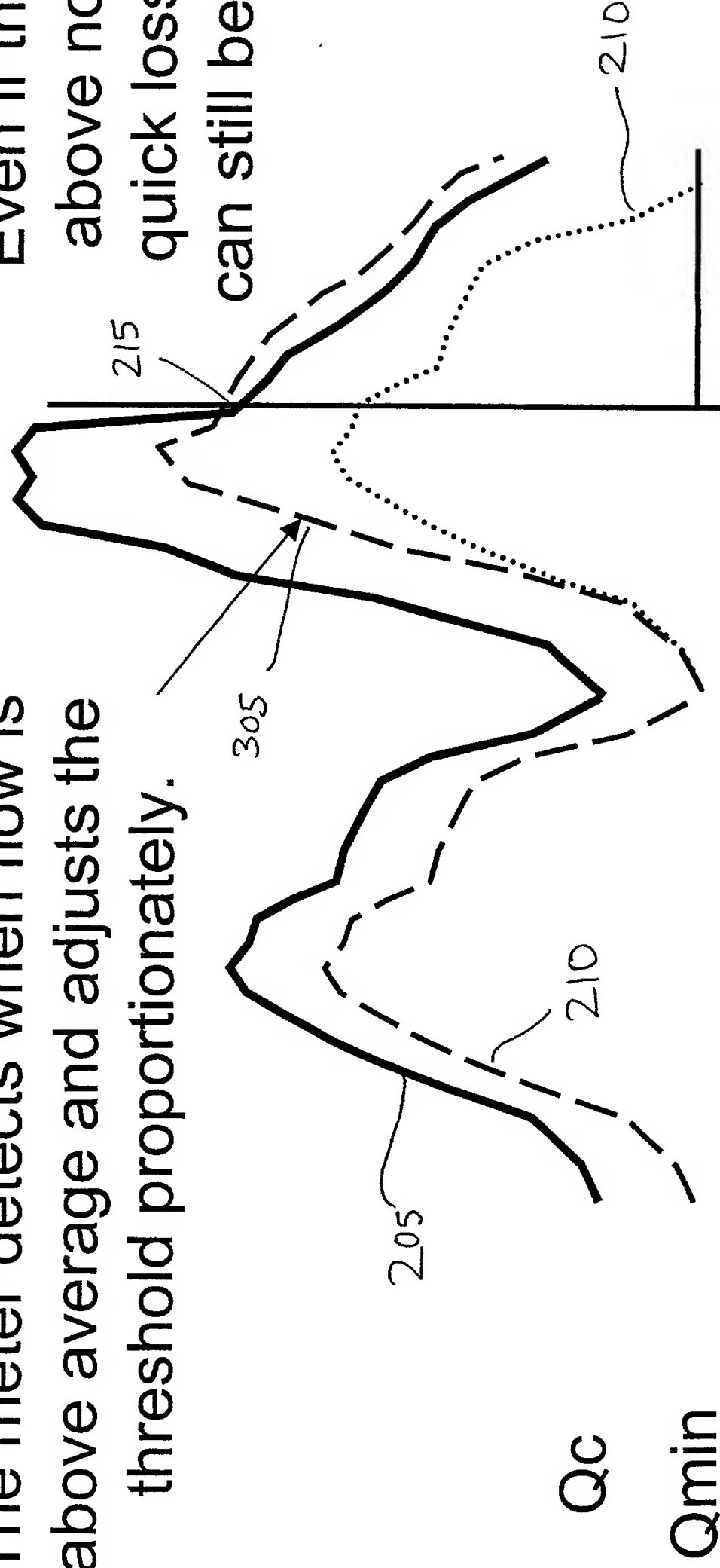


FIG. 3

Wet Weather Performance

The meter detects when flow is above average and adjusts the threshold proportionately.

Even if the flow is above normal, a quick loss of flow can still be detected



Low Flow
Alarm

FIG. 4

Pump Stations or Industrial Flows

Instead of lowering the % threshold, a moving boxcar average is applied to the flow data in the meter.

Erratic flow could cause false alarms

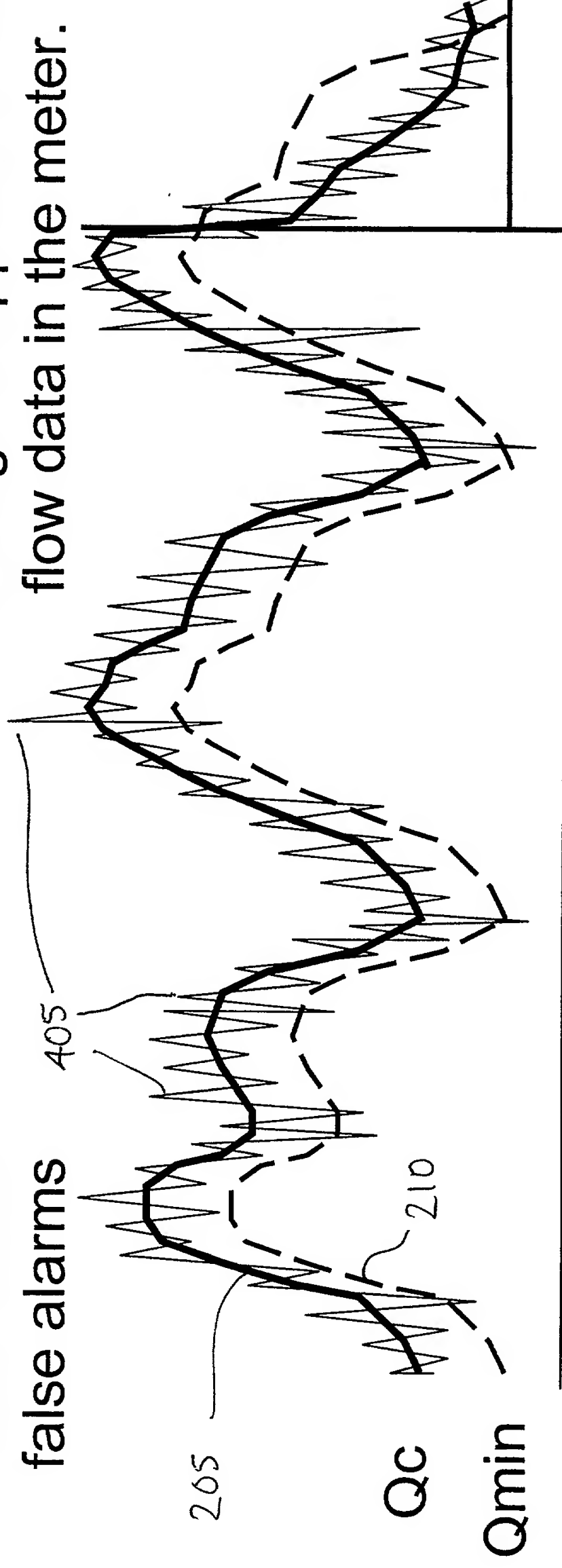
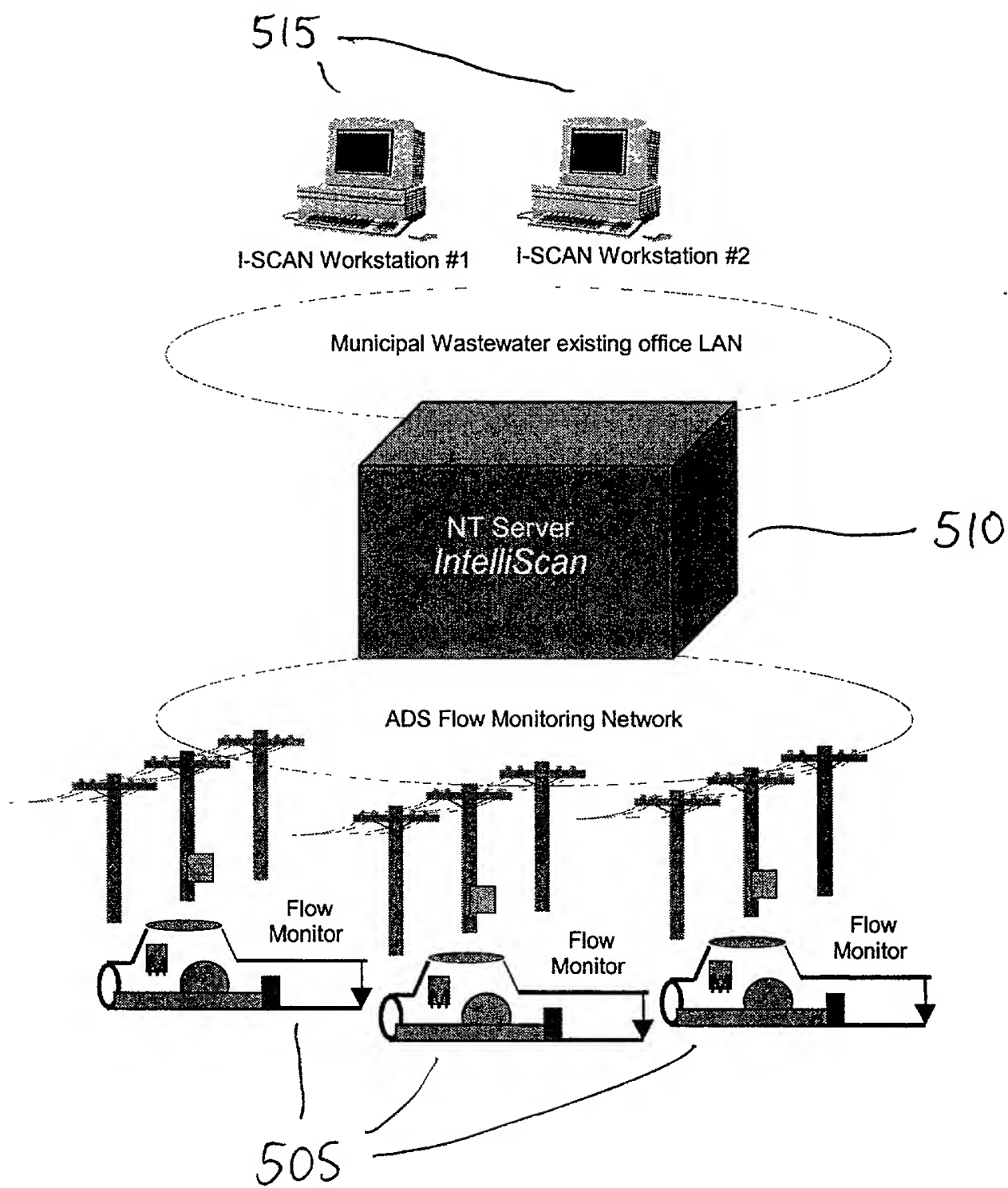


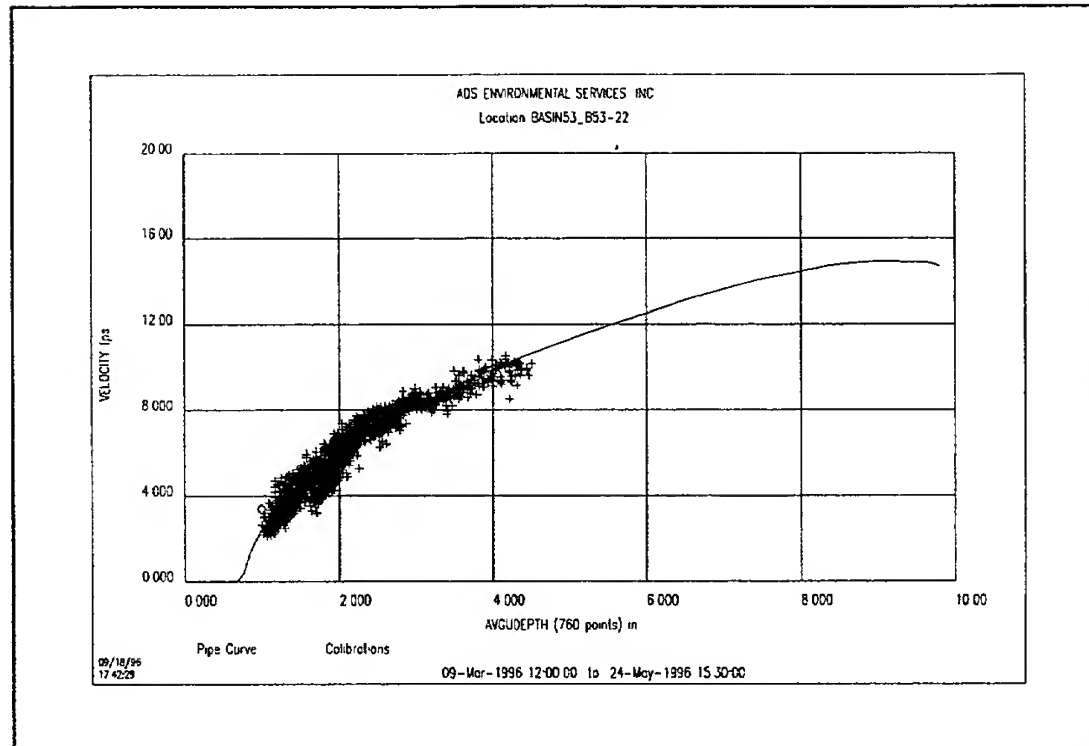
FIG. 5

500



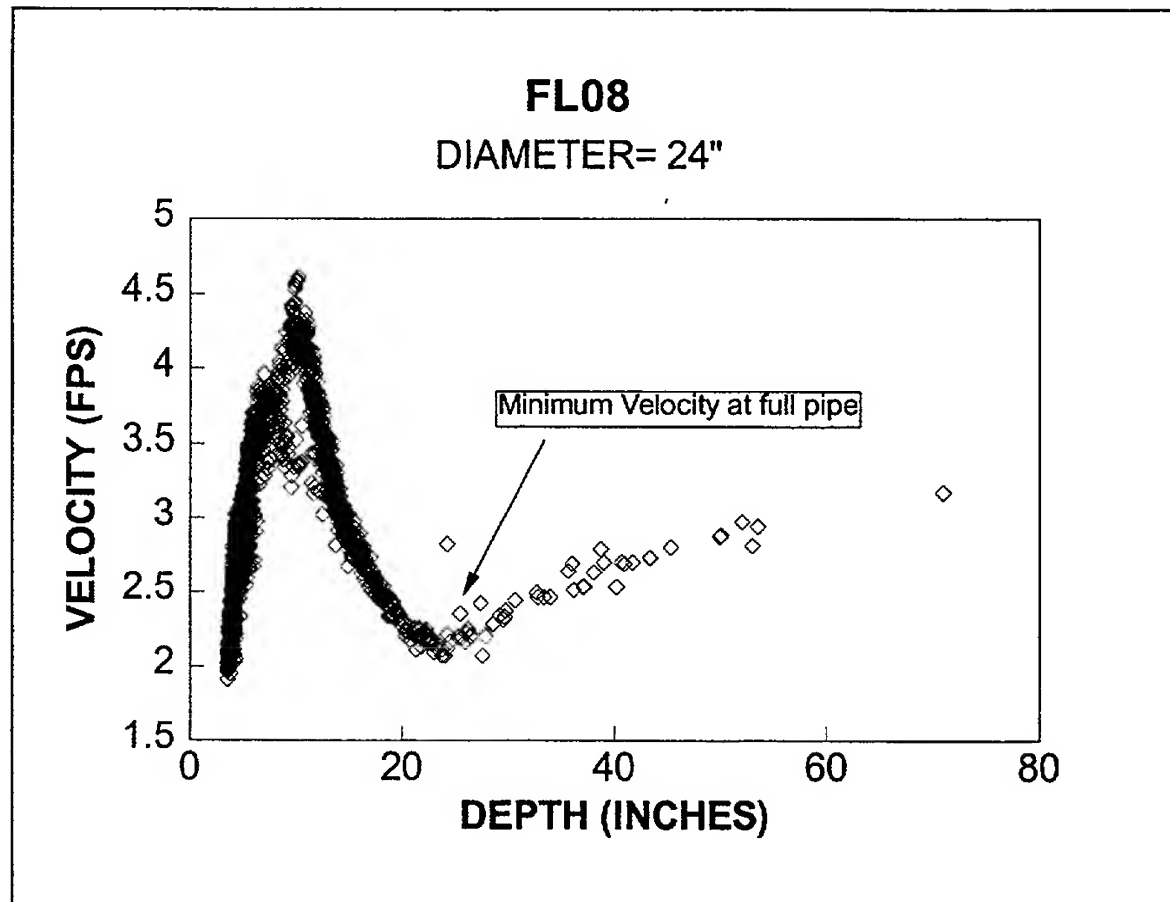
600

FIG. 6



700

FIG. 7



800

FIG. 8

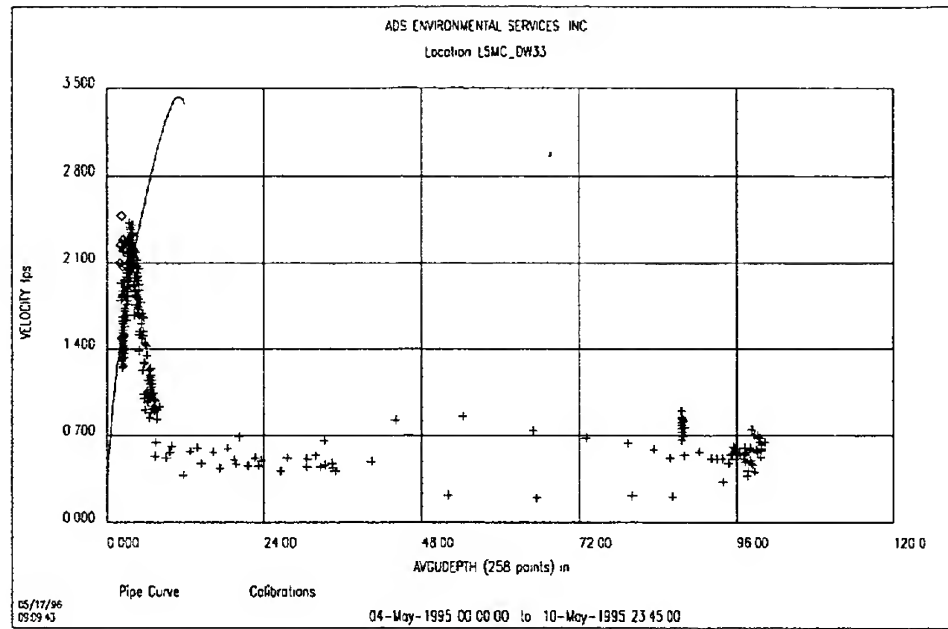


FIG. 9

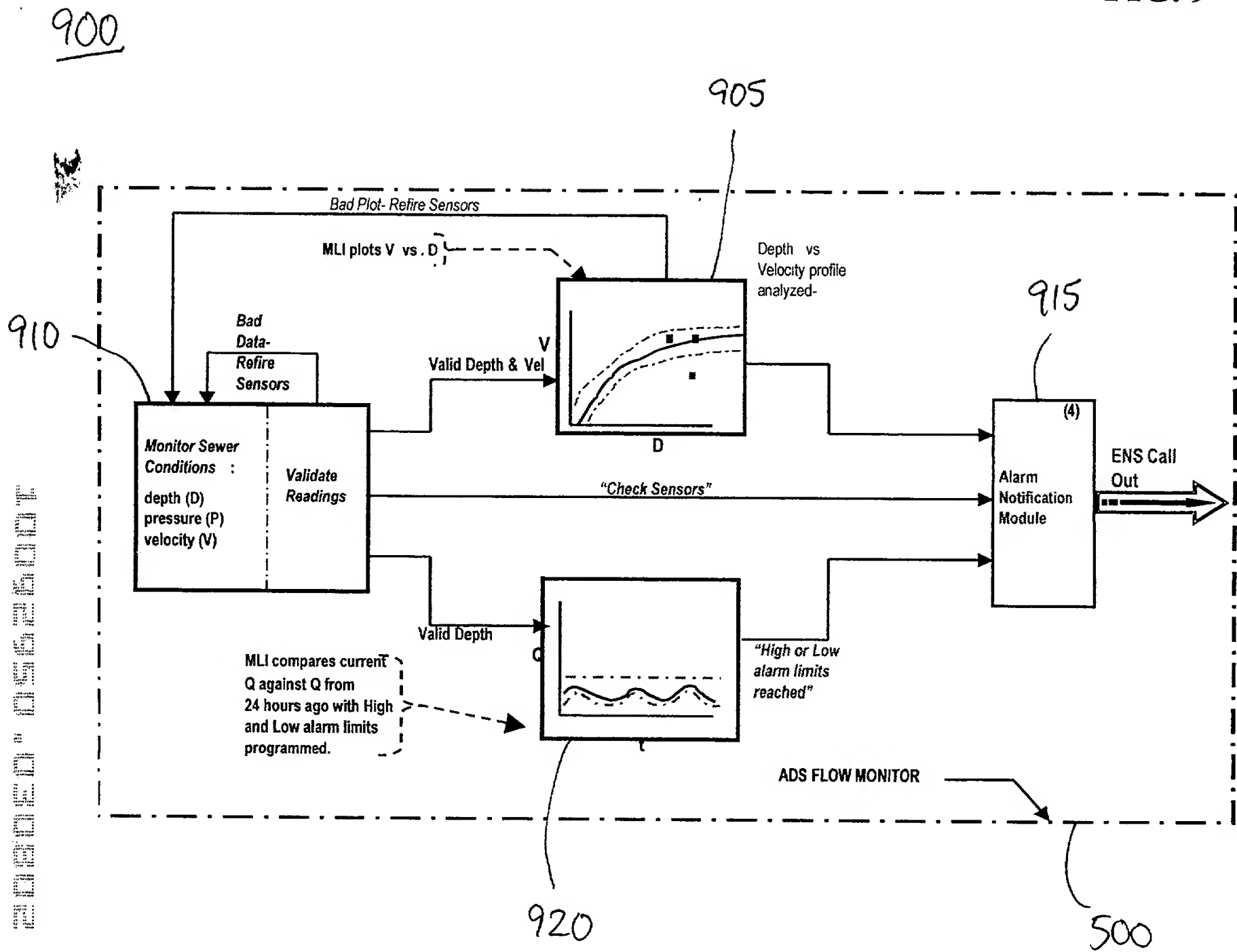


FIG. 10

